

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/06741

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H04Q7/28 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 290 196 A (MOTOROLA ISRAEL LTD) 13 December 1995 (1995-12-13)	1,2,7, 11-13, 21,26,27
Y	abstract  figures 1,3 page 2, line 7 -page 3, line 15 page 4, line 12 - line 21 page 5, line 23 -page 7, line 28 ----	9,23,25, 33
Y	US 5 822 694 A (KREBS JAY R ET AL) 13 October 1998 (1998-10-13) abstract figures 1,2 column 1, line 39 -column 2, line 20 column 5, line 7 - line 43 column 6, line 39 - line 49 ----- -/-	9,23,25, 33

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

26 September 2001

Date of mailing of the international search report

04/10/2001

Name and mailing address of the ISA  
European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Lamadie, S

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/06741

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 88 08646 A (MOTOROLA INC)  3 November 1988 (1988-11-03)</p> <p>abstract  page 1, line 29 -page 2, line 18  page 9, line 33 - line 36  page 19, line 4 - line 13  -----</p>	<p>1,5,11,  18,25,  26,30</p>

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 01/06741

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2290196	A	13-12-1995	NONE	
US 5822694	A	13-10-1998	NONE	
WO 8808646	A	03-11-1988	AU 1598188 A	02-12-1988
			CA 1296773 A1	03-03-1992
			CN 88102106 A ,B	16-11-1988
			DK 553388 A	04-10-1988
			IN 170529 A1	04-04-1992
			NZ 223891 A	27-10-1989
			WO 8808646 A1	03-11-1988